

Plastics, Foil, and Coated Paper Bag Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
322223, Plastics, foil, and coated paper bag manufacturing	2002..	41	41	2 662	102 872	2 055	4 407	68 375	258 618	308 102	564 387	14 949
	2001..	N	N	2 315	80 618	1 715	3 534	50 521	192 221	227 329	416 714	5 575
	2000..	N	N	2 389	80 572	1 748	3 615	48 529	192 508	223 702	421 626	5 552
	1999..	N	N	2 626	88 085	1 911	4 184	53 759	226 275	235 863	462 088	8 683
	1998..	N	N	3 129	96 131	2 252	4 574	60 414	247 819	257 560	509 073	18 549
	1997..	40	41	2 991	94 810	2 147	4 345	55 454	240 445	254 889	493 924	16 979

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322223, Plastics, foil, and coated paper bag manufacturing												
United States.....	1	41	22	2 662	102 872	2 055	4 407	68 375	258 618	308 102	564 387	14 949
Texas	2	3	1	101	3 304	81	185	1 964	6 280	13 987	20 274	685

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
322223, Plastics, foil, and coated paper bag manufacturing	
Companies ¹	number.. 41
All establishments ²	number.. 41
Establishments with 1 to 19 employees	number.. 19
Establishments with 20 to 99 employees	number.. 11
Establishments with 100 employees or more	number.. 11
All employees ³	number.. 2 662
Total compensation	\$1,000.. 126 391
Annual payroll	\$1,000.. 102 872
Total fringe benefits	\$1,000.. 23 519
Production workers, average for year	number.. 2 055
Production workers on March 12	number.. 2 019
Production workers on May 12	number.. 2 117
Production workers on August 12	number.. 2 059
Production workers on November 12	number.. 2 030
Production worker hours	1,000.. 4 407
Production worker wages	\$1,000.. 68 375
Total cost of materials	\$1,000.. 308 102
Materials, parts, containers, packaging, etc., used	\$1,000.. 287 887
Resales	\$1,000.. 11 354
Purchased fuels	\$1,000.. 1 459
Purchased electricity	\$1,000.. 5 270
Contract work	\$1,000.. 2 132
Quantity of electricity purchased for heat and power	1,000 kWh.. 81 743
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 564 387
Primary products value of shipments	\$1,000.. 447 930
Secondary products value of shipments	\$1,000.. 100 381
Total miscellaneous receipts	\$1,000.. 16 076
Value of resales	\$1,000.. D
Contract receipts	\$1,000.. -
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 82
Value of primary products shipments made in all industries	\$1,000.. 544 080
Value of primary products shipments made in this industry	\$1,000.. 447 930
Value of primary products shipments made in other industries	\$1,000.. 96 150
Coverage ratio	percent.. 82
Value added	\$1,000.. 258 618
Total inventories, beginning of year	\$1,000.. 49 124
Finished goods inventories	\$1,000.. 25 537
Work-in-process inventories	\$1,000.. 3 972
Materials and supplies inventories	\$1,000.. 19 615
Total inventories, end of year	\$1,000.. 55 492
Finished goods inventories	\$1,000.. 23 469
Work-in-process inventories	\$1,000.. 8 373
Materials and supplies inventories	\$1,000.. 23 650
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 249 664
Total capital expenditures (new and used)	\$1,000.. 14 949
Buildings and other structures (new and used)	\$1,000.. 1 528
Machinery and equipment (new and used)	\$1,000.. 13 421
Automobiles, trucks, etc., for highway use	\$1,000.. 260
Computers and peripheral data processing equipment	\$1,000.. 742
All other expenditures for machinery and equipment	\$1,000.. 12 419
Total retirements	\$1,000.. 4 364
Gross value of depreciable assets at end of year	\$1,000.. 260 249
Depreciation charges during year	\$1,000.. 12 223
Total rental payments	\$1,000.. 5 265
Buildings and other structures	\$1,000.. 2 594
Machinery and equipment	\$1,000.. 2 671
Total other expenses ⁴	\$1,000.. 39 139
Response coverage ratio ⁵	percent.. 98
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 2 927
Communications services ⁴	\$1,000.. 552
Legal services ⁴	\$1,000.. 534
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 508
Advertising and promotional services ⁴	\$1,000.. 309
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 441
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 1 225
Management consulting and administrative services ⁴	\$1,000.. 259
Taxes and license fees ⁴	\$1,000.. 2 971
All other expenses ⁴	\$1,000.. 29 518

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322223, Plastics, foil, and coated paper bag manufacturing											
All establishments	1	41	2 662	102 872	2 055	4 407	68 375	258 618	308 102	564 387	14 949
Establishments with—											
1 to 4 employees	9	8	19	677	13	25	426	1 884	2 076	3 958	161
5 to 9 employees	9	6	41	1 490	31	60	963	4 649	5 391	10 040	415
10 to 19 employees	2	5	b	D	D	D	D	D	D	D	D
20 to 49 employees	5	6	159	5 712	111	221	3 162	12 682	19 403	32 061	601
50 to 99 employees	—	5	366	12 450	285	561	8 200	36 668	45 942	82 402	1 754
100 to 249 employees	—	10	1 531	60 879	1 183	2 651	40 849	156 059	183 353	335 411	10 863
250 to 499 employees	—	1	e	D	D	D	D	D	D	D	D
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	14	63	2 294	46	90	1 472	6 916	7 912	14 826	609

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
322223	Plastics, foil, and coated paper bag manufacturing	41	2 662	102 872	2 055	4 407	68 375	258 618	308 102	564 387	14 949
3222231	Specialty bags, pouches, and liners, coated and single-web paper	6	921	37 632	731	1 590	25 140	80 466	99 089	180 632	6 149
3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	20	1 671	62 688	1 273	2 717	41 595	170 457	200 198	367 247	8 121

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322223	Plastics, foil, and coated paper bag manufacturing .....2002..	N	X	X	544 080
	.....1997..	N	X	X	561 838
3222231	Specialty bags, pouches, and liners, coated and single-web paper .....2002..	N	X	X	164 359
	.....1997..	N	X	X	143 081
32222311	Specialty bags, pouches, and liners, coated and single-web paper .....2002..	N	X	X	164 359
	.....1997..	N	X	X	143 081
3222231100	Specialty bags, pouches, and liners, coated and single-web paper .....1,000 s tons..2002..	30	X	^q 52.6	164 359
	.....1997..	30	X	^q 75.1	143 081
3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film .....2002..	N	X	X	359 899
	.....1997..	N	X	X	399 077
32222331	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film .....2002..	N	X	X	355 901
	.....1997..	N	X	X	399 077
3222233111	Paper/film multiweb specialty bags, pouches, and liners .....1,000 s tons..2002..	17	X	^q 67.5	133 744
	.....1997..	17	X	S	146 491
3222233121	Foil specialty bags, pouches, and liners, and all paper or film combinations with foil .....1,000 s tons..2002..	14	X	^q 24.4	86 987
	.....1997..	18	X	S	69 931
3222233131	Other multiweb specialty bags, pouches, and liners, including paper/paper .....1,000 s tons..2002..	12	X	^q 56.6	135 170
	.....1997..	17	X	S	182 655
3222233Y	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film, nsk .....2002..	N	X	X	3 998
	.....1997..	N	X	X	—
3222233YWV	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film, nsk .....2002..	N	X	X	3 998
	.....1997..	N	X	X	—
322223W	Plastics, foil, and coated paper bag manufacturing, nsk, total .....2002..	N	X	X	19 822
	.....1997..	N	X	X	19 680
322223WY	Plastics, foil, and coated paper bag manufacturing, nsk, total .....2002..	N	X	X	19 822
	.....1997..	N	X	X	19 680
322223WYWW	Plastics, foil, and coated paper bag manufacturing, nsk, for nonadministrative-record establishments .....2002..	N	X	X	5 754
	.....1997..	N	X	X	3 827
322223WYWY	Plastics, foil, and coated paper bag manufacturing, nsk, for administrative-record establishments .....2002..	N	X	X	14 068
	.....1997..	N	X	X	15 853

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
322223	Plastics, foil, and coated paper bag manufacturing		
00900001	Total materials .....2002..	X	287 887
	.....1997..	X	230 433
32212007	Paper 1,000 s tons ..2002..	P108.6	117 580
	.....1997..	P124.5	129 621
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	S	18 695
	.....1997..	P12.8	7 392
32611201	Polyethylene unsupported plastic packaging film in roll form .....2002..	X	16 466
	.....1997..	X	N
32611203	Polypropylene unsupported plastics packaging film in roll form .....2002..	X	4 191
	.....1997..	X	N
00190062	Polyester unsupported plastics packaging film (coated and uncoated) in roll form .....2002..	X	8 080
	.....1997..	X	N
33131509	Aluminum foil, plain mil lb ..2002..	P9.5	13 230
	.....1997..	3.1	4 333
32552003	Glues and adhesives mil lb ..2002..	P15.5	9 711
	.....1997..	N	11 919
32591002	Printing inks .....2002..	X	10 303
	.....1997..	X	N
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	5 945
	.....1997..	X	6 408
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	61 327
	.....1997..	X	57 212
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	22 359
	.....1997..	X	13 548

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.